

HAZARDOUS MATERIALS DATA SHEET
(PLEASE COMPLETE APPLICABLE SECTIONS)

DPM# 518

1. PRODUCT NAME, NUMBER, SYNONYM: Gulf Stoddard Solvent
2. MANUFACTURER'S NAME: Gulf Oil Company-U.S.
3. MANUFACTURER'S ADDRESS: 712 Main St. Houston, Texas 77002
4. PROCEDURE IN CASE OF BREAKAGE OR LEAKAGE: Eliminate all sources of ignition. Avoid massive vapor or skin exposure. Absorb & evaporate or controlled burning.
5. TRANSPORTATION AND STORAGE REQUIREMENTS: Methods generally advocated for handling and storing of flammable hydrocarbons
6. FIRST AID TREATMENT:
 - A. SKIN CONTACT: Remove by wiping, follow by washing with soap and water.
 - B. EYE CONTACT: Wash with copious amounts of water.
 - C. INHALATION: Remove from contaminated atmosphere. Administer artificial respiration if necessary. Seek medical attention.
 - D. ANTIDOTE IN CASE OF SWALLOWING: Do not induce vomiting. Administer olive oil or vegetable oil to retard absorption. Seek medical attention.
7. PHYSIOLOGICAL PROPERTIES:
 - A. ACUTE ORAL TOXICITY: >5gr./kg. LD/50
 - B. LOCAL EFFECTS UPON EYES: Minor transient irritation.
 - C. LOCAL EFFECTS UPON SKIN: Dermatitis may result from prolonged and repeated skin exposure.
 - D. ESTIMATE OF ACUTE HAZARD BY INHALATION (VOLATILE MATERIALS): Generally nominal due to low vapor pressure.
 - E. WARNING PROPERTIES (ODOR, IRRITATION TO EYES, NOSE OR THROAT): Odor.
 - F. ESTIMATED THRESHOLD LIMIT VALUE (IF NOT ON CURRENT LIST BY AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS): NA(not applicable)
8. CHEMICAL AND PHYSICAL PROPERTIES:
 - A. SPECIFIC GRAVITY (WATER = 1) 60°/60°F. 0.792
 - B. VAPOR DENSITY (AIR = 1) 4.9
 - C. VAPOR PRESSURE mm Hg AT 25°C. 2
 - D. pH _____
 - E. CORROSIVE ACTION ON COMMON MATERIALS SUCH AS: ALUMINUM, MAGNESIUM, PLEXIGLAS, RUBBER, LACQUERS, ENAMELS, FABRICS: Negligible.

F. DOES THE MATERIAL DECOMPOSE WHEN EXPOSED TO AIR? WATER? HEAT? STRONG OXIDIZERS? No.

G. FOR MIXTURES GIVE THE PERCENTAGE COMPOSITION OF INGREDIENTS: NA.

<u>COMPOUND</u>	<u>PERCENT</u>

NOTE: GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES, CHLORINATED HYDROCARBONS, ETC., ARE NOT ADEQUATE FOR TOXICOLOGICAL EVALUATION. PROPER CHEMICAL NAMES MUST BE KNOWN.

H. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION? No

9. PRECAUTIONS FOR NORMAL CONDITIONS OF USE: Avoid excessive vapor or skin exposure.

10. RECOMMENDED PROTECTIVE EQUIPMENT: Neoprene or butyl rubber protective gloves.

11. A. FLASHPOINT °F: CLOSED CUP 110°F.; OPEN CUP _____; IF F.P. CHANGES DURING EVAPORATION GIVE DATA:

B. EXPLOSIVE LIMITS (% VOL. AIR): LOWER 1.1; UPPER 6.0

C. SUSCEPTIBILITY TO SPONTANEOUS HEATINGS: YES _____; NO X

D. FIRE POINT °F _____; AUTO IGNITION TEMPERATURE °F 450°F.

E. VAPOR DENSITY 4.9

F. WHAT PRODUCTS MIGHT BE FORMED IN THE EVENT OF FIRE OR ABNORMAL TEMPERATURES? Water, CO₂.

G. SUITABLE EXTINGUISHING AGENTS: Foam, CO₂, Dry chemical, Steam, Halon 130 1.

12. INFORMATION FURNISHED BY: H.E. Runion

TITLE: Director Industrial Hygiene

COMPANY: Gulf Oil Co.

ADDRESS: P.O. Box 608
San Diego, Calif. 92112

DATE: 11-12-70

NOTE: INFORMATION IN REGARD TO A MATERIAL'S COMPOSITION WILL BE TREATED AS CONFIDENTIAL AND USED FOR THE PURPOSE OF PROTECTING THE HEALTH AND SAFETY OF MCDONNELL DOUGLAS CORP. EMPLOYEES AND THE SAFEGUARDING OF ITS PROPERTY. IT WILL ALSO BE USED FOR THE PURPOSE OF COMPLYING WITH LOCAL, STATE AND FEDERAL ORDINANCES, LAWS AND CODES, AND REQUIREMENTS OF GOVERNMENTAL AGENCIES.

THE COMPLETED FORM SHOULD BE RETURNED TO PURCHASING, DOUGLAS AIRCRAFT DIVISION, LONG BEACH, CALIF. 90801.

RECEIVED
Gulf Oil Corporation

1970 NOV 13 11:26
MEDICAL DEPARTMENT

PIM # 518
DAC # 280606

F. D. Gassaway, M. D.
MEDICAL DIRECTOR
PITTSBURGH, PA
H. E. Runion
DIRECTOR OF INDUSTRIAL HYGIENE

P. O. Box 608
San Diego, Calif. 92112
November 13, 1970

J. J. Baldi, Buyer
MRO Supplies and Central Equipment
Douglas Aircraft Company
3855 Lakewood Blvd.
Long Beach, Calif. 90801

Dear Mr. Baldi:

The enclosed material regarding Gulf Stoddard Solvent should satisfy your requirements. I am also attaching an American Petroleum Institute publication dealing with the general subject of petroleum naphthas which may also be of interest.

H. E. Runion

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Enclosure



TELEPHONE: AREA CODE 714, 453-1000

BOE-C6-0209027